

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A computer implemented method of configuring organization data related to an organization for access by a user, comprising:

obtaining organization structure information indicative of an organization structure of business units based on functions performed by the business units in the organization;

obtaining data entity information indicative of data entities that represent the data related to the organization;

generating links, separate from the data entities, linking the data entities to the business units in the organization structure; and

~~determining whether controlling the user has access to the data entities based on the links.~~

2. (Currently Amended) The method of claim 1 wherein obtaining organization structure information comprises:

obtaining the organization structure information comprising a hierarchical tree structure having nodes, each node being representative of a business unit of the organization.

3.(Original) The method of claim 2 wherein each node comprises a link container configured to include one or more links to data entities and wherein generating links comprises:

providing one or more links to data entities in the link container.

4. (Original) The method of claim 3 and further comprising:

grouping a plurality of nodes into a node group, each node group comprising a group link container configured to include one or more links to the data entities, and wherein generating links comprises providing one or more links to the data entities in the group link container.

5. (Currently Amended) The method of claim 4 wherein ~~determining~~controlling whether the user has access comprises:

associating user roles with the nodes and group nodes in the hierarchical tree structure.

6. (Currently Amended) The method of claim 5 wherein ~~determining~~controlling whether the user has access comprises:

assigning the user to a user role.

7. (Currently Amended) The method of claim 6 wherein ~~determining~~controlling whether the user has access comprises:

filtering the user access to data entities linked to nodes that are associated with the user role to which the user is assigned.

8. (Original) The method of claim 1 wherein obtaining organization structure information comprises:

generating the organization structure information as a tree structure.

9. (Original) The method of claim 9 and further comprising:

changing the tree structure; and

modifying the links to link the data entities to the changed tree structure.

10. (Original) The method of claim 9 wherein changing the tree structure affects nodes in the tree structure and wherein modifying the links comprises:

automatically transferring links from the affected nodes to other nodes in the tree structure.

11. (Original) The method of claim 9 wherein changing the tree structure affects nodes in the

tree structure and wherein modifying the links comprises:

presenting links in the affected nodes for manual modification.

12. (Currently Amended) A system for relating data, corresponding to an organization, to an organization structure indicative of a structure of the organization, the system comprising:

an organization structure generator component, configured to generate the organization structure with a plurality of nodes, each node representing a business unit of the organization; and

a link manager component ~~configured to generating~~ generate a link between a given unit of the organization represented by a given business node in the organization structure and an entity representative of data corresponding to the organization.

13. (Original) The system of claim 12 wherein each node comprises a link container and wherein the link manager is configured to generate the link between the given unit and the entity by placing the link in the link container represented by the given node.

14. (Original) The system of claim 13 and further comprising:

a user role manager component configured to assign a user role to a user.

15. (Original) The system of claim 14 wherein the user role manager component is configured to link each role to nodes in the organization structure through containers associated with those nodes.

16. (Original) The system of claim 15 and further comprising:

a filtering layer configured to filter user access to entities based on the user's user role and the links.

17. (Original) The system of claim 13 wherein the link manager is configured to automatically

modify links in the link containers according to a predetermined process based on changes to the organization structure.

18. (Original) The system of claim 13 wherein changes to the organization structure affect nodes, and wherein the link manager is configured to display links in the link containers corresponding to the affected nodes for manual modification based on the changes to the organization structure.

19. (Currently Amended) A data structure for use in filtering access to business data entities representative of business data related to a business organization, the data structure comprising:

tree data, on a computer readable medium, indicative of a tree structure comprised of connected nodes, each node in the tree structure representing a functional business unit of the organization and configured to include filter links, the filter links each identifying a business data entity that is linked to the functional business unit of the organization represented by the node containing the link; and
a function to use the tree data to control user access to the business data entities.

20. (Original) The data structure of claim 19 and further comprising:

user role data representing a plurality of user roles, each user role being associated with a node in the tree structure.

21. (Original) The data structure of claim 20 and further comprising:

role assignment data representing a particular role to which a user is assigned.

22. (Original) The data structure of claim 19 wherein the tree data is indicative of a hierarchical tree structure.

23. (Original) The data structure of claim 22 and further comprising:

company group data indicative of a group of nodes in the hierarchical tree structure.

24. (Original) The data structure of claim 23 wherein the group of nodes is configured to include filter links.